

CHAL - 0439
Copy 6 of 7

4 December 1958

MEMORANDUM FOR: Special Assistant to the Director
for Planning and Development

SUBJECT : Pre-Burnout Telemetry Project

REFERENCE : CHAL-042) dated 1 December 1958

1. Above reference constitutes the recommendations of the ESO to
HPS regarding subject project. I believe you have the original of same.

2. [] discussed the recom-
mendation on 3 December 1958 with a view toward feasibility of initiating
necessary activity to bring a capability into being at the earliest date
possible. Although all needed facts are not at hand, preliminary judge-
ments are that the outlook is feasible. We are proceeding as follows:

a. [] will further look into what information is
available in the area of advance notice of firings. Based on
past experience this will be possible.

b. [] will ascertain exactly what knowledge is
available as to frequencies being used, or what the probabili-
ty is that by the time our capability is ready that this in-
formation will be known.

c. [] will consult with Mr. Rober about the
total Air Force position on our developing and using such a
capability.

d. A meeting has been scheduled for 2:00 pm on 4 December
with HPS representatives to ascertain the development status
of the sync extractor -- a fundamental piece of equipment.
Representatives of D & P, Commo, Operations and ESO will attend.

25 YEAR RE-REVIEW

2. I have given the go-ahead to obtain from the Navy the necessary APR-13 units and from the R2V program the necessary recorders so that this effort will not pace the development of the capability. Material has been so advised.

3. None of the above efforts have as yet involved any expenditures of funds. Should we determine within the next week that for one reason or another the development of the subject capability is not possible or desirable the action to obtain the APR-13s and the recorders can be canceled without any cost, or, at most, with reimbursement of only shipping costs.

4. If after the 4 December meeting we are still convinced that this capability is possible to develop within the time required we expect to convene a small systems planning meeting, either in Washington or on the west coast, to plan the effort in detail. The following representation would be desirable:

a. Headquarters -- D & P - [] and [], possibly ASO and a contract man as well if held on west coast. If held in D. C. all the above plus Kneera, Operations, Reber and others interested.

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b. IAC -- [] or acceptable substitute.

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c. R-4 -- [] (antenna designer) and []

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d. [], if meeting is held on west coast.

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e. Lt. Col. Howe, if meeting is held on west coast.

f. HEB representatives.

5. The consensus of D & P and Communications is that two complete systems would be very desirable. However, bearing in mind costs involved, we are looking at what our capability would be with a complete system with necessary extra components plus spares.

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[]
Director of D & P, DPG/DCI

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GFK:eml (4 Dec 1978)

1 - SA/PD/DCI

2 -

3 - Ops/Commo

4 - Contracts

5 - Material

6 - D & P /

7 - CHAL Chrono

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